



/SR Integration



LX System Engineering, Integration and Test (SEIT)

U-2 Integrated Test Team

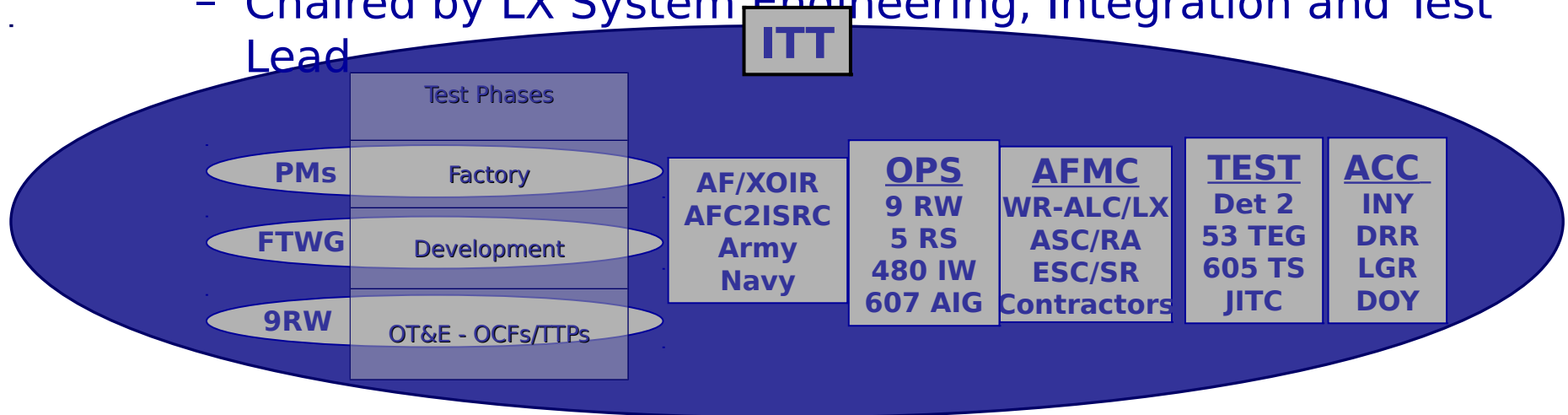
Mr. Scott Mangrum
WR-ALC/LXE-1
SIWG 10



U-2 Integrated Test Team



- **U-2 Integrated Test Team (ITT)**
 - Lead Effort to Develop Improved Test Process
 - Define Organizational Responsibilities and Relationships
 - Develop a Realistic T&E Schedule
 - Deconflict/Reallocate Limited Assets
 - Determine Required Test Resources and Coordinate Availability
 - Includes Facility Upgrades and Personnel Requirements
 - Chaired by LX System Engineering, Integration and Test Lead





Integrated Test Management



- **Combine Test Planning Into a Single DT&E/OT&E Process**
 - Identifies End-to End List of Test Objectives
 - Provides for Comprehensive Test Schedule
 - Defines Critical Decision Milestones
 - Brings Operational Community Into Test Planning Process During Initial Test Planning Phase
 - Allows for Early Identification of Critical Operational Issues (COI's)
 - Accounts for Resource Requirements
 - Unique Architectures
 - Government Furnished Equipment
 - Identifies Test Management Structure Through All Test Phases
 - Plan Coordination: Operational Units, MAJCOMS, Test Organizations and Acquisition Leadership
- **Test Planning Framework to be Used for All U-2 Weapon System Mods**



Integrated Test Plans



- **Define All DT/OT Objectives in a Single Integrated Test Plan (ITP)**
 - All U-2/sensor Mod Programs Will Have an ITP
 - Current Programs Will Need to Be Assessed on a Case-by-case Basis
 - Includes Both Government and Contractor Objectives
 - Reports Provided at Completion of Specific Test Milestones
 - Completion of DT and OT
 - ITP Utilized to Build Detailed DT and OT Plans



Integrated Test Plans - Con't



- **Current Test Plans**
 - CIP (DGS4/FOL)
 - SYERS-2/MOBSTR
 - Block 10 DGS-4/FOL

- **Future Test Plans**
 - DDL-II
 - SYERS-2A
 - AN ALQ 221
 - Niledrive
 - ELINT Antenna Upgrade (EAU)
 - RAS-1R ALF ATM
 - Electro Optical View Sight (EOVS)
 - ASIP



Integrated Master Test Schedule



- **Integrated Master Test Schedule to Capture:**
 - Resource Availability
 - Aircraft
 - Sensors
 - Ground Stations
 - Data Links
 - Key Milestones
 - SIL Entrance and Exit
 - FT Entrance and Exit
 - Tech Data/ TCTO/T-2 Mod Available
 - OT&E Entrance and Exit
- **Provides Consolidated Picture of all U-2 Test Activity**